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#11

AUG 25 2003  
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	<u>PATENT APPLICATION</u>
	)	
Inventor: Wei Pan, Yoshi Ono, David R. Evans, and Sheng Teng Hsu	)	August 20, 2003
	)	
Serial No.: 09/819,296	)	ATTORNEY DOCKET
	)	No. SLA0515
	)	
Filed: March 27, 2001	)	Group Art Unit: 2811
	)	
Title: MULTI-LAYERED BARRIER METAL THIN FILMS FOR CU INTERCONNECT BY ALCVD	)	Examiner: Hung K. Vu
	)	
	)	
	)	

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AUG 26 2003  
OFFICE OF PETITIONS

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Hon. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 20, 2003.

David C. Ripma, Reg. No. 27,672  
Signature Date : August 20, 2003

TECHNOLOGY CENTER-2800

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**PETITION TO WITHDRAW HOLDING OF ABANDONMENT  
BASED ON EXAMINER'S FAILURE TO RECEIVE  
RCE FILED BY APPLICANT**

Mail Stop Petition  
Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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PROGRAMS EXAMINER

Sir:

Applicants hereby petition the Commissioner to withdraw the holding of abandonment in the above-identified application based on the

09/28/2003 10:00AM 00000113 191457 09819296

01 FORWAS 130.00 CR

Adjustment date: 01/06/2005 YR08INSD 09819296  
08/26/2003 AW00DAF1 00000113 191457  
01 FC:1450 130.00 CR

failure of the U.S.P.T.O. to deliver applicants' Request for Continued Examination (RCE) to Examiner Vu.

On April 29, 2003 applicants filed, by facsimile transmission to Technology Center 2800, an RCE, a response to the final Office Action dated December 31, 2002, and a request for a one-month extension of time. On the same day, April 29, 2003, the U.S.P.T.O. acknowledged receipt of applicants' faxed transmission. On or about August 13, 2003, attorney-of-record David C. Ripma received a Notice of Abandonment from the U.S.P.T.O., mailed August 12, 2003. Mr. Ripma spoke with Examiner Vu on August 19, 2003 and Mr. Vu said he had never received the RCE filed on April 29, 2003. Mr. Vu recommended that this Petition be filed.

In support of this Petition applicants herewith attach 21 pages as an attachment. The attachment includes the following:

(1) A copy of the "Auto-Reply Facsimile Transmission" (one page) received from the U.S.P.T.O. on April 29, 2003 indicating receipt by the U.S.P.T.O. of applicants' 19-page RCE and Petition for Extension of Time Under 37 CFR 1.136(a).

(2) A copy of the transmission sheet (one page) printed by Mr. Ripma's fax machine indicating that 19 pages were sent to fax number 703 872-9319 (the "after final" number for Technology Center 2800) on April 29, 2003.

(3) A copy of the 19-page transmission sent to the U.S.P.T.O. on April 29, 2003, including an RCE, a response to the final Office Action of December 31, 2002, and a petition for a one-month extension of time.

In view of the foregoing applicants respectfully petition the Commission to withdraw the abandonment of the above-identified application and to proceed with examination thereof.

Should the Examiner have any questions, please call Mr. Ripma  
at (360) 834-8754.

X The Commission is hereby authorized to charge Deposit Account No.  
19-1457 in the amount of \$130.00 to cover the petition fee under 37  
C.F.R. § 1.17(h). A duplicate copy of this authorization is enclosed.

X The Commissioner is hereby authorized to charge payment of  
any additional fees associated with this communication or credit any  
overpayment to Deposit Account No. 19-1457. A duplicate copy of this  
authorization is enclosed.

Date: 8/20/03

Respectfully submitted,

By: 

David C. Ripma,  
Reg. No. 27,672

David C. Ripma, Patent Counsel  
Sharp Laboratories of America, Inc.  
5750 NW Pacific Rim Blvd.  
Camas, WA 98607

Telephone: (360) 834-8754  
Facsimile: (360) 817-8505

TO: Auto-reply fax to 13608178505 COMPANY:



## Auto-Reply Facsimile Transmission

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UNITED STATES  
PATENT AND  
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TO:

Fax Sender at 13608178505

Fax Information

Date Received:

4/29/03 1:13:49 PM [Eastern Daylight Time]

Total Pages:

19 (including cover page)

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received  
Cover  
Page  
=====>

APR-29-03 TUE 16:24 AM SHARP PATENTS FAX: 13608178505		PAGE 1			
<b>REQUEST for CONTINUED EXAMINATION (RCE)</b> <b>TRANSMITTAL</b> Applicant(s): Wei Pan, Yoshi Ono, David R. Evans & Sheng Teng Hsu			Docket No. SLA0515		
Serial No. 09/819,295	Filing Date March 27, 2001	Examiner Hung K. Vu	Group Art Unit 2811		
Invention: Multi-Layered Barrier Metal Thin Films for Cu Interconnect by ALCVD					
<b>TO THE COMMISSIONER FOR PATENTS:</b>					
Transmitted herewith is an amendment in the above identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	17	20	0	x \$18.00	\$0.00
INDEP. CLAIMS	3	3	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable)					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
3. Please charge Deposit Account No. 19-1457 in the amount of \$750.00, which consists of the fee of \$750.00 specified in 37 CFR 1.17(e), plus any fee required by 37 CFR 1.111, as calculated above. A duplicate copy of this sheet is enclosed. A check in the amount of _____ to cover the filing fee is enclosed. 5. The Commissioner is hereby authorized to charge payment of any other fees associated with this communication or credit any overpayment to Deposit Account No. 19-1457. A duplicate copy of this sheet is enclosed.					
David C. Ripma, Reg. No. 27,672 Dated: APRIL 29, 2003					
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office under 37 C.F.R. § 1.8 at Fax No. (703) 872-8319 on April 29, 2003.					
David C. Ripma, Reg. No. 27,672					
Note: Each paper must have its own certificate or transmittal, or this certificate must identify each submitted paper. The papers submitted include:					
<input checked="" type="checkbox"/> This Request for Continued Examination Transmittal (Duplicate Attached)					2 page(s)
<input checked="" type="checkbox"/> A submission required by 37 C.F.R. § 1.114					15 page(s)
<input type="checkbox"/> Attachments					page(s)
<input type="checkbox"/> Petition for Extension of Time under 37 C.F.R. § 1.138 (Duplicate Attached)					2 page
Total pages, including this Transmittal: 19					
Received from <13608178505> at 4/29/03 1:13:49 PM [Eastern Daylight Time]					

## TRANSACTION REPORT

Apr-29-03 Tue 10:29 AM

Type	Sending	Receiver	TX/RX Time	Pages	Note
Apr-29	10:23 AM	917038729319	5m20s	19	OK